

Preminat® and Premi®Coat L

complete cost-effective protection

a **DSM**Product

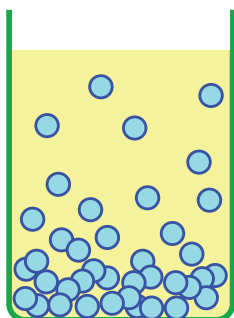
Preminat® and Premi®Coat L are innovative patented formulations of natamycin with significantly higher efficacy in preventing mould and yeast growth.

Advantages Preminat® and Premi®Coat L

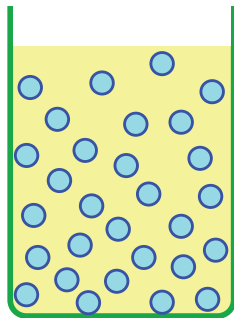
The standard application of natamycin is in an aqueous suspension used in spray applications and dipping baths. Preminat® and Premi®Coat L have three major advantages for these applications.

1. Improved suspension

Preminat® and Premi®Coat L contain thickening agents that help ensure natamycin crystals stay in suspension. Natamycin has a low solubility (of +/- 40 ppm) and is mainly present in crystal form. These crystals will settle at the bottom of the dipping bath/spray suspension. The use of Preminat®/Premi®Coat L will help prevent crystals from settling and thus ensure that all natamycin is used and applied on the sausage surface.



A. Standard natamycin



B. Preminat®/Premi®Coat L

2. Improved adhesion

Normal natamycin suspensions have the viscosity of water and do not adhere well to the sausage surface. This results in an uneven distribution of natamycin. Preminat®/Premi®Coat L provide improved adhesion and therefore a homogeneous distribution of natamycin on the sausage surface.



A. Insufficient coverage with standard natamycin



B. Preminat®/Premi®Coat L

3. Cost-effective

Because Preminat® and Premi®Coat L result in a more homogeneous application of natamycin on the complete sausage surface less natamycin is needed to ensure sufficient protection.

Product range

Preminat® is a ready-made powder formulation, Premi®Coat L is a generic name for a range of liquid products. Premi®Coat L is available in tailor-made formulations as well as the defined formulations specified below.

	Liquid/ powder	Natamycin content	Recommended dilution rate	Final natamycin concentration
Preminat®	Powder	300000 ppm	5 g/liter	1500 ppm
Premi®Coat L 25000	Liquid	25000 ppm	40-100 ml/liter	1000-2500 ppm
Premi®Coat L 10000	Liquid	10000 ppm	40-100 ml/liter	400-1000 ppm
Premi®Coat L 5000	Liquid	5000 ppm	40-100 ml/liter	200-500 ppm

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